

**AMENDMENTS TO THE SPECIFICATION**

**Please cancel the original abstract and replace the original abstract with the new abstract as follows:**

A method of determining the sympathetic tone, a system for applying and measuring a stimulation, and the use of a system for applying and measuring a stimulation for determining the sympathetic tone are provided. The method of determining the sympathetic tone includes the steps of: measuring an applied stimulation at a threshold value of the stimulation in one or more sympathetic tone-neutral points and measuring an applied stimulation at the same threshold value in one or more sympathetic tone-dependent points. The use of a system for applying and measuring a stimulation for determining the sympathetic tone includes the steps of: measuring an applied stimulation at a threshold value of the stimulation at one or more sympathetic tone-neutral points and measuring an applied stimulation at the same threshold value of the stimulation at one or more sympathetic tone-dependent points.